

**Quality that brings
comfort to life!**



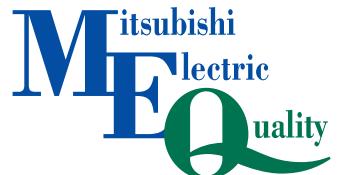
Mitsubishi Electric – Quality that brings comfort to life!

Are you looking for an energy efficient system that provides warm, even heat in winter and cool comfort in summer? The answer lies in reverse cycle air conditioning from Mitsubishi Electric.

Mitsubishi Electric has a model for you. Stylish lines for the living room, quiet operation, for the bedroom. Designed for comfort, durability, health and efficiency, advanced air control from room to room. Mitsubishi Electric – quality that brings comfort to life.

Higher performance, lower power consumption and longer life.

When it comes to comfort, efficiency and durability, Mitsubishi Electric has a distinct advantage over the opposition, we call it MEQ – Mitsubishi Electric Quality. Simply put it is a superior standard that we apply to our own business. While other systems may meet stringent industry standards, Mitsubishi Electric continually strives to exceed them. MEQ delivers air conditioning systems at the leading edge of technology that operate efficiently in extreme weather conditions, year in, year out.



MEQ gives us 3 important advantages:

Comfort: We have created products that are designed to provide you with exceptional comfort in your surroundings, in all weather conditions.

Efficiency: We strive for the perfect balance of performance, reliability, low power consumption and a long operational life span for all our products. The result is an air conditioning range that is rated amongst the best in the industry in terms of design, quality and energy efficiency.

Durability: We subject the indoor and outdoor units of all our systems to rigorous durability testing, which includes harsher temperature extremes than are likely to be found anywhere in the world. This allows us to produce higher quality products that protect your investment through years of reliable service.





The Mitsubishi Electric Story.

Our commitment to quality, service, research and development has helped us gain a leading position in today's marketplace.

Mitsubishi Electric have a proud history in the manufacturing and supply of leading edge electrical and electronic equipment for both domestic and commercial use. Our efforts to make indoor life more comfortable began in 1921, with the introduction of our first electric fan which became an instant hit. Some 10 years later we began to manufacture coolers, which were just as popular.

Since then our understanding that technology is the driving factor of change in our lives has seen us become a world leader in energy efficient air conditioning systems. However our development of breakthrough technologies and products is not just restricted to heating and cooling.

Since 1980 to the present day the pace at which Mitsubishi Electric has introduced and refined products that benefit society, industry and individuals, has been nothing less than astonishing.

These technologies include the world's first large scale LED Screen for sports arenas, the world's largest CRT

television screen for the consumer market, the world's first spiral escalator, the world's fastest elevators, the antenna technology behind the world's first in-flight internet service, solar cell technology and much more. Today Mitsubishi Electric is a global giant with operations in over 35 countries, with more than 97,000 employees.

Our commitment to quality service, research and development has helped us gain a leading position in today's marketplace in a wide variety of areas including heating, cooling and air conditioning. Mitsubishi Electric's '*today technology*' provides climate controlled comfort wherever you live, work and relax.

Whether it's consistent heating and cooling for the home or office, Mitsubishi Electric offers you state-of-the-art technology that is quiet, simple to use, reliable and above all, energy efficient.



What features do you need to look for? MITSUBISHI ELECTRIC GIVES YOU THE EDGE!

Energy Saving

Less consumption, more efficiency and extra comfort – the ideal solution

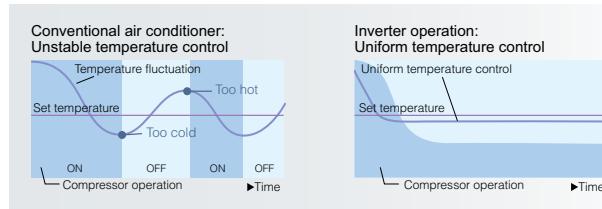
INVERTER TECHNOLOGY FOR EVEN MORE ENERGY SAVINGS



Mitsubishi Electric's Advanced Technology Inverter Systems are more economical and efficient than conventional systems.

Conventional non-inverter systems run at a fixed speed. To maintain a set temperature the compressor switches on/off so room temperatures continually fluctuate, falling, rising and falling again.

To overcome this problem Mitsubishi Electric's advanced inverter technology gently increases or decreases power to suit the prevailing conditions reaching the desired temperature quicker, more efficiently without severe temperature fluctuations.



The resulting reduction in electricity consumption by our energy saving technology not only saves you money but also reduces your carbon footprint on the environment.

Mitsubishi Electric's Outdoor Inverter units have been aesthetically designed to minimise their visual impact on your environment.

Each contains a number of innovative features that makes them quieter, more energy efficient and reliable, placing them at the cutting edge in the industry.

"i save" Mode



"i save" is a simplified setting function that recalls a preferred (preset) temperature by pressing a single button on the remote controller. Press the same button twice to immediately return to the previous temperature setting. Using this function contributes to energy savings when, for example, leaving the room or going to bed.

* Temperature can be preset to 10°C when heating in the "i save" mode (except when connected to MXZ-8A140VA).



I-SEE SENSOR



The "i-see Sensor" automatically moves from side to side, searching the floor temperature over a wide area of 150°.

Conventional air conditioners control indoor temperature by using only the temperature of the intake air at the top of the room. As a result, the floor level temperature, which has a big impact on the temperature that people feel, tends to be overlooked. The "i-see Sensor" detects the floor temperatures to ensure ongoing comfort in the living areas.

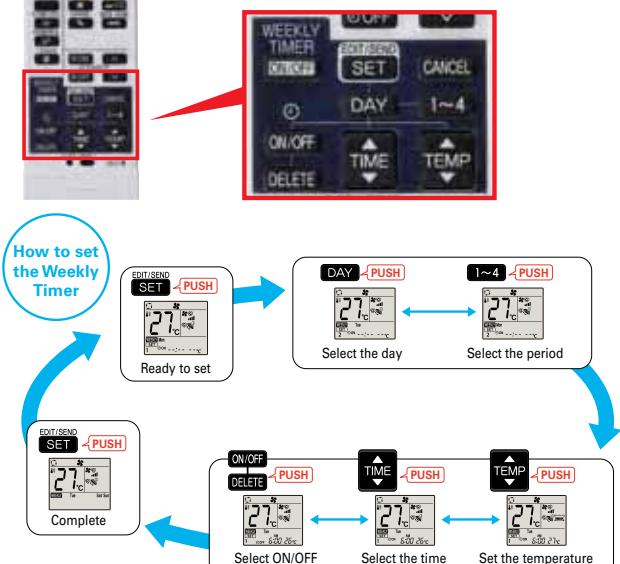
New Remote Controller

MSZ-GE 60/71/80 Series air conditioners are equipped with a new weekly timer function. Now you can easily set desired temperatures and operation start/stop times to match lifestyle patterns. Reduce wasted energy consumption by using the timer to prevent forgetting to turn off the unit and eliminate temperature setting adjustments.



Easy set-up using dedicated buttons

The remote controller is equipped with buttons that are used exclusively for setting the Weekly Timer. Setting operation patterns is easy and quick.



"Econo Cool" Energy-Saving Feature

This intelligent temperature control feature – that adjusts airflow direction to the body depending on air outlet temperature – allows set temperatures to be raised by 2 degrees without any loss in comfort for a 20% gain in energy efficiency.



* Available only during manual cooling operation.

	Conventional	Econo Cool
Ambient temperature	35°C	35°C
Set temperature	25°C	27°C
Perceived temperature	30°C	29.3°C

Quick Clean

The easily detachable front panel is a snap to wash, and the airflow vents can be opened without any special tools for quick cleaning inside the air conditioner. It is recommended that the air conditioner be cleaned regularly, to increase operating efficiency and energy savings.



The inner fan is placed within easy reach, for regular cleaning.

Clean, comforting air

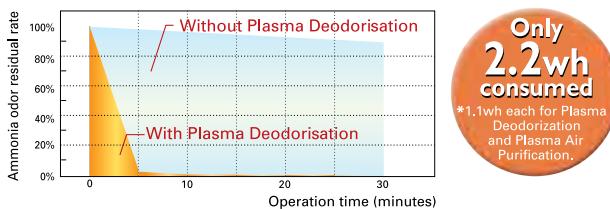
A fresh and healthy ambience is always yours to enjoy

Plasma Deodorizing Filter

(MSZ-FB Series)

The newly equipped "Plasma Deodorising Filter" provides state-of-the-art deodorisation-decomposition and elimination of harmful chemical substances at the nanolevel (1/1,000,000 of a millimetre). The key to high power deodorisation of the most unpleasant odours^{*1} in daily life is the elimination of ammonia, methyl mercaptan, trimethylamine and hydrogen sulphide.

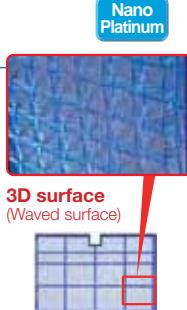
Plasma Deodorization's Effect on Ammonia



^{*1} Not all odour components generated on a continuous basis (building material odours, pet odours) can be removed.

Nano Platinum Filter (MSZ-GE60/71/80)

This filter incorporates nano-sized platinum-ceramic particles that generate stable antibacterial and deodourising effects. The size of the three-dimensional surface has been increased as well, enlarging the filter capture area. These features give the Nano Platinum Filter of the MSZ-GE60/71/80 models better dust collection performance than conventional filters. The superior air-cleaning effectiveness increases room comfort yet another level.



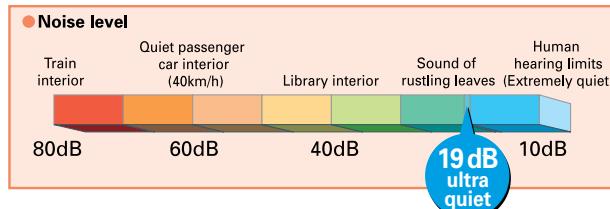
*It is okay to wash the filter with water (air-cleaning effect is maintained)

Quiet operation

Hard at work and yet so quiet

Ultra Quiet Operation

Mitsubishi Electric has a long standing reputation for offering some of the quietest models in the industry. The new MSZ-GE range is no exception. The MSZ-GE25/35 is ultra quiet at only 19 dB(A) in Low Fan Speed and capable of maximum output. You want to feel the warmth, not hear it!



Sufferers from asthma, hay fever and other allergies will benefit greatly from our deluxe inverter *plasma duo* wall mounted models which feature state-of-art filtration

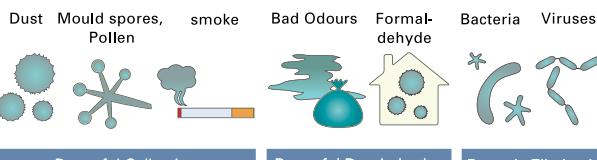
Plasma Air-Purifying Filter

(MSZ-FB Series)

Armed with the "Plasma Air Purifying Filter", which has already built up a solid reputation in Japan, the pollutants in your room air are removed more thoroughly than ever before. Besides collecting fine house dust, pollen and other annoying substances, this filter also provides disinfecting and anti-virus effects.^{*2} Negative ions, with their soothing and relaxing effects, are also generated.

^{*2} Source: KRCES-Bio study Report No. 16 00865 (November 22, 2004)

PlasmaDuo Filter Systems removes various things



Powerful Collection

Powerful Deodorisation

Bacteria Elimination

Anti-Allergy Enzyme Filter

(MSZ-GE60/71/80VA/MSZ-KA Series)

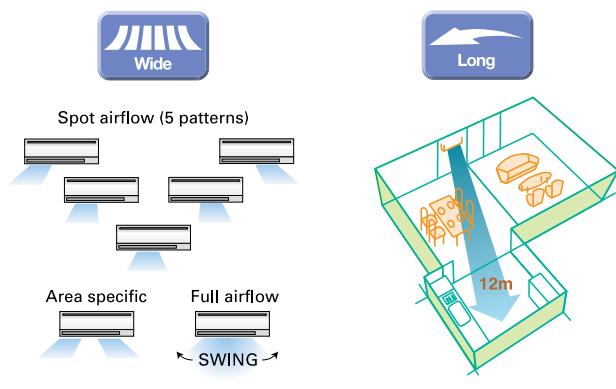
To counter allergens, we have added filters featuring artificial blue enzymes with the power to remove harmful microbes such as bacteria^{*1}, virus, dust mites, pollen, etc. The enzymes destroy any germs caught in the filter, preventing them from working their way further inside the air conditioner. However, being artificial enzymes, they prevent allergies whilst remaining gentle to humans.



^{*1}Confirmed by the Japan Spinners Inspecting Foundation.
Test numbers JSIF-029220-1/JSIF-029220-2.

Wide and Long Air Flow

The wide and long air flow mode allows airflow direction to be adjusted, ensuring every corner of the room is comfortable. The mode is simply activated at the touch of a button on your remote controller. The long mode extends air flow to reach even the furthest point of large living rooms or enables kitchens to be reached in an open plan environment. This mode is available on our larger capacity models MSZ-GE60, MSZ-GE71/MSZ-GE80.



MSZ-GE Series

Wall mounted

INDOOR UNIT



MSZ-GE/25/35/50+



MSZ-GE60/71/80



OUTDOOR UNIT



MUZ-GE60/71/80 / MUZ-GE50VA



MUZ-GE25/35VA



OPTIONAL WIRED
CONTROLLERS

R410A

HEAT PUMP

DC
Inverter

QUICK CLEAN



Wall Mounted Type Specifications

Type	Inverter Heat Pump (R410A)						
Model Name	MSZ-GE25VA	MSZ-GE35VA	MSZ-GE50VA	MSZ-GE60VA	MSZ-GE71VA	MSZ-GE80VA	
Indoor Unit	MSZ-GE25VA		MSZ-GE35VA		MSZ-GE60VA		MSZ-GE71VA
Outdoor Unit	MUZ-GE25VA		MUZ-GE35VA		MUZ-GE50VA		MUZ-GE80VA
Power Supply [V, phase, Hz]	230V, Single, 50Hz, Power by Outdoor unit						
Cooling Capacity	Rated kW	2.5	3.5	5.0	6.0	7.1	8.0
	Min. - Max. kW	1.1 - 3.5	1.4 - 3.9	1.4 - 5.4	1.5 - 7.5	2.4 - 8.7	2.4 - 9.2
Total Input [Min.-Rated-Max.]	kW	0.205 - 0.560 - 1.145	0.320 - 1.010 - 1.560	0.320 - 1.640 - 2.060	0.280 - 1.760 - 2.380	0.570 - 2.130 - 3.370	0.570 - 2.560 - 3.580
Rated EER		4.46	3.47	3.05	3.40	3.33	3.12
	Star Rating	4.0	2.0	1.5	2.0	2.0	1.5
Running Current [Rated]	A	2.9	4.7	7.4	7.8	9.4	11.3
Sound Pressure Level [†]	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	dB(A) 19 - 21 - 29 - 36 - 42	19 - 22 - 30 - 36 - 43	28 - 33 - 38 - 44 - 49	29-37-41-45-49	30-37-41-45-49	30-37-41-45-49
	Outdoor at 1m (PWL)	dB(A) 46 (58)	47 (61)	54 (69)	55 (69)	55 (69)	55 (69)
Air Volume	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	L/S 68 - 80 - 111 - 152 - 188	68 - 80 - 111 - 152 - 212	108 - 130 - 160 - 198 - 252	163-190-225-262-305	162-192-222-257-298	162-192-222-257-298
	Outdoor Unit [Rated]	L/S 543	612	817	682	835	920
Heating Capacity	Rated kW	3.2	4.0	5.8	6.8	8.1	9.0
	Min. - Max. kW	1.3 - 4.5	1.4 - 4.8	1.4 - 7.2	2.0 - 9.3	2.2 - 9.9	2.2 - 11.1
Total Input [Min.-Rated-Max.]	kW	0.255 - 0.730 - 1.200	0.340 - 1.030 - 1.550	0.320 - 1.650 - 2.490	0.460 - 1.770 - 2.940	0.520 - 2.110 - 3.250	0.520 - 2.540 - 3.650
COP		4.38	3.88	3.52	3.84	3.83	3.54
	Star Rating	4.0	3.0	2.5	3.0	2.5	2.5
Running Current [Rated]	A	3.8	4.8	7.4	7.8	9.5	11.2
Sound Pressure Level [†]	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	dB(A) 19 - 21 - 29 - 36 - 42	19 - 22 - 30 - 36 - 43	28 - 33 - 37 - 43 - 48	29-37-41-45-49	30-37-41-45-49	30-37-41-45-49
	Outdoor at 1m (PWL)	dB(A) 48 (59)	48 (62)	56 (69)	55 (69)	55 (69)	55 (69)
Air Volume	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	L/S 68 - 80 - 110 - 152 - 192	68 - 80 - 111 - 152 - 192	108 - 130 - 160 - 203 - 242	163-190-225-262-305	170-192-222-257-298	170-192-222-257-298
	Outdoor Unit [Rated]	L/S 578	578	817	820	803	803
Operating Current (max.)		7.4	8.6	13.0	14.5	16.6	16.6
Indoor Unit	Input Rated	kW 0.022	0.029	0.043	0.061	0.065	0.065
	Operating Current (max.)	A 0.4	0.4	0.5	0.52	0.55	0.55
	Dimensions H - W - D	mm 295 - 798 - 232	295 - 798 - 232	295 - 798 - 232	325 - 1100 - 238	325 - 1100 - 238	325 - 1100 - 238
	Weight kg	10	10	10	16	16	16
Outdoor Unit	Dimensions H - W - D	mm 550 - 800 - 285	550 - 800 - 285	850 - 840 - 330	880 - 840 - 330	880 - 840 - 330	880 - 840 - 330
	Weight kg	30	30	54	50	53	53
	Operating Current (max.)	A 7.0	8.2	12.5	7.46	8.95	10.75
	Breaker Size A	10	10	16	20	20	20
Ext. Piping	Diameter Liquid (φ) / Gas	mm 6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length m	20	20	30	30	30	30
	Max. Height m	12	12	15	15	15	15
Guaranteed Operating Range [Outdoor]	Cooling °C -10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46
	Heating °C -15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

*SH = Super High

[†]Indoor sound pressure level generally measured at 1.5 metres. For exact details see Technical Data Manual.